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Legal Department, Boston, MA

TO:

Commissioner for Patents

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FROM:

Robert J. Hampsch

TELEPHONE

(617) 422-2919

FACSIMILE:

(617) 422-2290

DATE:

May 26, 2005

Total Pages (including this cover sheet): 7

RE:

U.S. Application No. 09/707,709

Filing Date: November 7, 2000

Title: "INSPECTION METHOD UTILIZING

VERTICAL SLICE IMAGING"

Applicant: Teradyne, Inc.

Our Reference No.: Case 1677-US

Message:

Please feel free to contact our office should you have further questions or concerns regarding the enclosed.

Thank you.

Under the Paperwork Rech. TRANSN FOR (to be used for all corrasper	ction Act of 1895, no persons. INTTAL RM Indence after Initial filing) This Submission 7	Application Number Fiting Date First Named Inventor Art Unit Examinar Name Attorney Docket Number	namt and Tradement unlass it displays culon of information unlass it displays 09/707,709 November 7, 2000 Robit Patraik 2623 Samir A. Ahrned 1677-US If that apply) After Allon	wance Communication to TC	
Extension of TI Express Aband Information Di Certified Copy Document(s) Reply to Missing Complete A	thed bly lal s/declaration(s) me Request conment Request sclosure Statement y of Priority sing Parts/ spplication y to Missing Parts to Missing Parts	Drawing(s) Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revol Change of Corresponder Terminal Disclaimer Request for Refund CD, Number of CD(s) Landscape Table Remarks	Appeal (Appeal (Appeal in Appeal (Appeal in Appeal in Ap	Enclosure(s) (page 1)	
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\	Teradyne, Inc.	Λ			
Signature	ON THE	X	Reg. No. 36,155		
Printed name	Robert of Linear				
Date	Date May 26, 2005 CERTIFICATE OF TRANSMISSION/MAILING CERTIFICATE OF TRANSMISSION/MAILING UNITED A Legandria, VA 22313-1450 on				
I hereby certify sufficient poster the date shown Signature	that this correspondence is ge as first class mail in an below:	s peing tacsimile transmitted annual per addressed to: Com	to the USF To Patents, P.O. Box missioner for Patents, P.O. Box	the United States Postal Service with 1450. Alexandria, VA 22313-1450 on Date May 26, 2005 The public which is to file (and by the USPTO to is estimated to 2 hours to complete, including the individual case, Any comments an the copy the individual case, Any comments an the	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete asse. Any comments on the USPTO. Time will very depending upon the individual case. Any comments on the USPTO. Time will very depending upon the individual case. Any comments on the USPTO. Time will very depending upon the individual case. Any comments on the USPTO. Time will very depending upon the individual case. Any comments on the USPTO. Time will very depending upon the individual case. Any comments on the USPTO. Time will very depending upon the individual case. Any comments on the USPTO. Time will very depending upon the individual case. Any comments on the USPTO. Time will very depending upon the individual case. Any comments on the USPTO. Time will very depending upon the individual case. Any comments on the USPTO. Time will very depending upon the individual case. Any comments on the USPTO. Time will very depending upon the individual case. Any comments on the USPTO. Time will very depending upon the individual case. Any comments on the USPTO. Time will very depending upon the individual case. Any comments on the USPTO. Time will very depending upon the individual case. Any comments on the USPTO. Time will very depending upon the individual case. Any comments of the USPTO. Time will very depending upon the individual case. Any comments of the USPTO. Time will very depending upon the individual case. Any comments of the USPTO. Time will very depending upon the individual case. Any comments of the USPTO. Time will very depending upon the individual case. Any comments of the USPTO. Time will very depending upon the individual case. Any cof

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PTO/SB/21 (09-04) Approved for use through 07/31/2005, OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE are required to respond to a collection of information unless it displays a velid OMB control number. Under the Paperwork Reduction Act of 1995, no persons Application Number 09/707,709 Filing Date TRANSMITTAL November 7, 2000 First Named Inventor **FORM** Rohit Patnalk Art Unit Examiner Name Samir A. Ahmed (to be used for all correspondence after initial filing) Attorney Docket Number 1877-115 Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance Communication to TC Fee Transmittal Form Drawing(s) Appeal Communication to Board Licensing-related Papers Fee Attached of Appeals and Interferences Appeal Communication to TC (Appeal Notice, Strief, Reply Brief) X Petition Amendment/Reply Petition to Convert to a Proprietary Information After Final Provisional Application Power of Attorney, Revocation Status Letter Affidavits/declaration(s) Change of Correspondence Address Other Enclosure(s) (please Identify Terminal Disclaimer Extension of Time Request below): Fax Covar Sheet Request for Refund Express Abandonment Request CD, Number of CD(s) information Disclosure Statement Landscape Table on CO **Certified Copy of Priority** Remarks Document(s) Reply to Missing Parts/ Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name Teradyne: htt. Signature Printed name Robert J. Hampsch Date Reg. No. May 26, 2005 38 155 **CERTIFICATE OF TRANSMISSION/MAILING** I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: Signature

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Date

May 26, 2005

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application

Docket Number: 1677-US

RECEIVED CENTRAL FAX GENTER

MAY 2 6 2005

PATNAIK, Rohit

Serial No: 09/707,709

11/7/2000

For:

Filed:

In Re:

INSPECTION METHOD UTILIZING

VERTICAL SLICE IMAGING

Examiner: Samir A. Ahmed

May 26, 2005

Group: 2623

CERTIFICATE OF MAILING OR TRANSMISSION

I, Robert J. Hampsch, Reg. No. 36,155, certify that-

this correspondence was placed in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, and I have a reasonable basis to believe that it will be deposited with the US Postal Service as first class mail, postage prepaid, to the U.S. Patent and Trademark Office on or before May 26, 2005, or

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Signature:

Date: 5/26/2005

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

<u>AMENDMENT</u>

Sir:

Further to the RCE application filed on March 28, 2005, kindly enter the amendment to the claims of the above-identified application as set forth in the following pages.